Claims

1. A hook-ended steel wire netting comprises:

A first cross rail having a row of first sockets on its outer portion in a line along the axial direction.

A second cross rail having a row of second sockets on its outer portion in a line along the axial direction.

One or more longitudinal steel wires, both ends of which are hooks. The first end hook of each steel wire encloses a part of the outer portion of a cross rail, and is secured by being inserted into one of the first sockets. The second end hook of each steel wire encloses a part of the outer portion of a cross rail, and is secured by being inserted into one of the second sockets.

A first longitudinal rail with both ends separately secured to the first end of the first cross rail and the first end of the second cross rail.

A second longitudinal rail with both ends separately secured to the second end of the first cross rail and the second end of the second cross rail.

Meanwhile, the first longitudinal rail and the second longitudinal rail tense the steel wires to form a steel wire netting.

2. A hook-ended steel wire netting as recited in claim 1, wherein the first and second cross rails have circular, square or other suitable cross-sections.

3. A hook-ended steel wire netting as recited in claim 1 or 2, wherein the first sockets are disposed on the outer portion of the first cross rail. The second sockets are disposed on the outer portion of the second cross rail.

4. A hook-ended steel wire netting as recited in claim 1 or 2, wherein the end hooks of the longitudinal steel wires are formed by curving the end portions of the steel wires through 180 degrees, and the curved portion between the hook and the straigh portion of the steel wire matches the shape of the outer portion of the cross rails.

5. A hook-ended steel wire netting as recited in claim 1, wherein the first and second longitudinal rails have circular, square or other suitable cross-sections.

6. A hook-ended steel wire netting as recited in claim 1, wherein the first cross rail is an L-shaped rail, of which the shorter portion is regarded as the first longitudinal rail. The second cross rail is an L-shaped rail, of which the shorter portion is regarded as the second longitudinal rail. The two L-shaped rails are connected to form a frame.

7. A hook-ended steel wire netting as recited in claim 1, wherein the first cross rail is a U-shaped rail, the two parallel portions of which are regarded as the first longitudinal rail and the second longitudinal rail. The second cross rail is a straight rail and is secured to the two ends of the U-shaped rail to form a frame.

8. A hook-ended steel wire netting comprises:

A first cross rail having a row of first sockets on its outer portion in a line along the axial direction.

A second cross rail having a row of second sockets on its outer portion in a line along the axial direction.

One or more longitudinal steel wires, both ends of which are hooks. The first end hook of each steel wire encloses a part of the outer portion of a cross rail, and is secured by being inserted into one of the first sockets. The second end hook of each steel wire encloses a part of the outer portion of a cross rail, and is secured by being inserted into one of the second sockets.

A first longitudinal rail having a row of third sockets on its outer portion in a line along the axial direction.

A second longitudinal rail having a row of fourth sockets on its outer portion in a line along the axial direction.

One or more cross steel wires, both ends of which are hooks. The first end hook of each steel wire encloses a part of the outer portion of a longitudinal rail, and is secured by being inserted into one of the third sockets. The second end hook of each steel wire encloses a part of the outer portion of a longitudinal rail, and is secured by being inserted into one of the fourth sockets.

The two ends of the first longitudinal rail are secured to the first end of the first cross rail and the first end of the second cross rail separately. The two ends of the

second longitudinal rail are secured to the second end of the first cross rail and the second end of the second cross rail separately. Meanwhile, the first longitudinal rail and the second longitudinal rail tense the steel wires to form a steel wire netting.

9. A hook-ended steel wire netting as recited in claim 8, wherein the cross and longitudinal steel wires are connected or partly connected to each other at the points where they intersect to form a net.

10. A hook-ended steel wire netting as recited in claim 8, wherein the end hooks of the longitudinal steel wires are formed by curving the end portions of steel wires through 180 degrees, and the curved portion between the hook and the straight portion of the steel wire matches the shape of the outer portion of the cross rails.

11. A hook-ended steel wire netting as recited in claim 8, wherein the end hooks of the cross steel wires are formed by curving the end portions of steel wires through 180 degrees, and the curved portion between the hook and the straight portion of the steel wire matches the shape of the outer portion of the longitudinal rails.

12. A hook-ended steel wire netting as recited in claim 8, wherein the first and second longitudinal rails have circular, square or other suitable cross-sections.

13. A hook-ended steel wire netting as recited in claim 8, wherein the first and second cross rails have circular, square or other suitable cross-sections.